

Name: \_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_

**Algebra 1B: Zero, Negative and Multiplying Exponents HW**

**Directions:** Simplify each expression as completely as possible (no negative exponents!).

1. $a^2b^{-3}c^0$	2. $(4xyz)^{-1}$	3. $\frac{1}{x^{-2}}$
4. $x^2x^3x^0$	5. $(2a^2)(-3a^4)$	6. $(x)(x)(x)(x)$
7. $12x^{-1}y^{-3}z^4$	8. $(14g^{-3}h^{-10}i)^0$	9. $a^5a^{-10}a^{12}$
10. $c^{-1}d^{10}c^{-11}d^{15}$	11. $1^{-5}$	12. $8^28^{-3}$